

## CLAIMS

1. A method of fabricating a liquid crystal display,  
which has a step of locating a spacer on a substrate  
5 by ejecting a droplet of spacer dispersion liquid  
containing a spacer with a particle diameter R ( $\mu\text{m}$ ) from a  
nozzle of an ink-jet apparatus and depositing the droplet  
on the substrate surface,

10 a hole diameter of the nozzle being 7R ( $\mu\text{m}$ ) or larger,  
the spacer dispersion liquid having surface tension  
of 30 to 50 mN/m and a contact angle  $\theta$  on the substrate  
surface of 30 to 90° and,

in the step of locating the spacer on the substrate,  
depositing the droplet of the spacer dispersion liquid on  
15 the substrate surface at the interval of deposition D ( $\mu\text{m}$ )  
satisfying a relationship of the following formula (1):

$$D \geq 35 \times \left[ \frac{R}{2 - 3\cos\theta + \cos^3\theta} \right]^{\frac{1}{3}} \quad (1).$$

2. The method of fabricating a liquid crystal  
20 display according to claim 1,

which locates a spacer on a lattice point of a  
lattice light shielding region of a substrate A bearing a  
color filter having a pixel region located following a  
certain pattern and the lattice light shielding region  
25 defining the pixel region, or on a position of a substrate  
B to be set on the opposite side of the substrate A with a  
spacer and a liquid crystal interposed, corresponding to  
the lattice point of the lattice light shielding region of  
the substrate A.